

Substitute for Form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number 10/762,388

Filing Date January 22, 2004

First Named Inventor James L. Madara

Art Unit 1614

Examiner Name Unknown

Sheet

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of

1

Attorney Docket Number 7210.03

**U.S. PATENT DOCUMENTS**

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
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**FOREIGN PATENT DOCUMENTS**

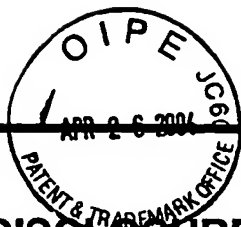
*Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
2.F		JP	63-17825	01-28-1988	Teijin Ltd.		<input type="checkbox"/>	<input type="checkbox"/>
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
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Sheet 1 of 4

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Z.F.		US- 5,441,951	8-1995	Serhan	
Z.F.		US- 5,648,512	7-1997	Serhan	
Z.F.		US- 6,353,026	3-2002	Serhan	
Z.F.		US- 6,458,839	10-2002	Madara et al.	
Z.F.		US- 6,699,905	3-2004	Madara et al.	
		US-			

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		Country Code:	Number - Kind Code (if known)				YES	NO
Z.F.		PCT	WO 94/29262	12-1994			<input type="checkbox"/>	<input type="checkbox"/>
Z.F.		PCT	WO 95/01179	1-1995			<input type="checkbox"/>	<input type="checkbox"/>
Z.F.		PCT	WO 00/54767	9-2000			<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS**

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
Z.F.		Weissmann, G., Smolen, J. E., and Korchak, H. M. (1980) Release of inflammatory mediators from stimulated neutrophils. <i>N. Engl. J. Med.</i> 303, 27-34	<input type="checkbox"/>	<input type="checkbox"/>
		Serhan, C. N., Haeggstrom, J. Z., and Leslie, C. C. (1996) Lipid mediator networks in cell signaling: update and impact of cytokines. <i>FASEB J.</i> 10, 1147-1158	<input type="checkbox"/>	<input type="checkbox"/>
		Weiss, S. J. (1989) Tissue destruction by neutrophils. <i>N. Engl. J. Med.</i> 320, 365-376	<input type="checkbox"/>	<input type="checkbox"/>
		Serhan, C. N. (1994) Lipoxin biosynthesis and its impact in inflammatory and vascular events. <i>Biochim. Biophys. Acta</i> 1212, 1-25	<input type="checkbox"/>	<input type="checkbox"/>
Z.F.		Borgeat, P., and Naccache, P. H. (1990) Biosynthesis and biological activity of leukotriene B <sub>4</sub> . <i>Clin. Biochem.</i> 23, 459-468	<input type="checkbox"/>	<input type="checkbox"/>

Substitute for form 1449A/PTO				Application Number	10/762,388	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Filing Date	January 22, 2004	
				First Named Inventor	James L. Madara	
				Art Unit	Unknown	
				Examiner Name	Unknown	
Sheet	2	of	4	Attorney Docket Number	7210.03	
<b>OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS</b>						
Z.F.				Yokomizo, T., Izumi, T., Chang, K., Takawa, T., and Shimizu, T. (1997) A G-protein-coupled receptor for leukotriene B <sub>4</sub> that mediates chemotaxis. <i>Nature</i> 387, 620-624	<input type="checkbox"/>	<input type="checkbox"/>
				Fiore, S., Romano, M., Reardon, E. M., and Serhan, C. N. (1993) Induction of functional lipoxin A <sub>4</sub> receptors in HL-60 cells. <i>Blood</i> 81, 3395-3403	<input type="checkbox"/>	<input type="checkbox"/>
				Isakson, P., Seibert, K., Masferrer, J., Salvemini, D., Lee, L., and Needleman, P. (1995) Discovery of a better aspirin. <i>Advances in Prostaglandin, Thromboxane &amp; Leukotriene Research</i> 23, 49-54	<input type="checkbox"/>	<input type="checkbox"/>
				Chiang, N., Takano, T., Clish, C. B., Petasis, N. A., Tai, H.-H., and Serhan, C. N. (1998) Aspirin-triggered 15-epi-lipoxin A <sub>4</sub> (ATL) generation by human leukocytes and murine peritonitis exudates: development of a specific 15-epi-LXA <sub>4</sub> ELISA. <i>J. Pharmacol Exper. Ther.</i> 287, 779-790	<input type="checkbox"/>	<input type="checkbox"/>
				Serhan, C. N., Maddox, J. F., Petasis, N. A., Akritopoulou-Zanze, I., Papayianni, A., Brady, H. R., Colgan, S. P., and Madara, J. L. (1995) Design of lipoxin A <sub>4</sub> stable analogs that block transmigration and adhesion of human neutrophils. <i>Biochemistry</i> 34, 14609-14615	<input type="checkbox"/>	<input type="checkbox"/>
				Takano, T., Fiore, S., Maddox, J. F., Brady, H. R., Petasis, N. A., and Serhan, C. N. (1997) Aspirin-triggered 15-epi-lipoxin A <sub>4</sub> (LXA <sub>4</sub> ) and LXA <sub>4</sub> Stable analogues are potent inhibitors of acute inflammation: Evidence for anti-inflammatory receptors. <i>J. Exp. Med.</i> 185, 1693-1704	<input type="checkbox"/>	<input type="checkbox"/>
				Owman, C., Garzino-Demo, A., Cocchi, F., Popovic, M., Sabirsh, A., and Gallo, R. (1998) The leukotriene B <sub>4</sub> receptor functions as a novel type of coreceptor mediating entry of primary HIV-1 isolates into CD4-positive cells. <i>Proc. Natl. Acad. Sci.</i> 95, 9530-9534	<input type="checkbox"/>	<input type="checkbox"/>
				Marcus, A. J. (1995) Aspirin as prophylaxis against colorectal cancer. <i>N. Engl. J. Med.</i> 333, 656-658	<input type="checkbox"/>	<input type="checkbox"/>
				Vainio, H., and Morgan, G. (1997) Aspirin for the second hundred years: new uses for an old drug. <i>Pharmacol Toxicol</i> 81, 151-152	<input type="checkbox"/>	<input type="checkbox"/>
				Herschman, H. R. (1998) Recent progress in the cellular and molecular biology of prostaglandin synthesis. <i>Trends in Cardiovasc. Med.</i> 8, 145-150	<input type="checkbox"/>	<input type="checkbox"/>
				Takano, T., Clish, C. B., Gronert, K., Petasis, N., and Serhan, C. N. (1998) Neutrophil-mediated changes in vascular permeability are inhibited by topical application of aspirin-triggered 15-epi-lipoxin A <sub>4</sub> and novel lipoxin B <sub>4</sub> stable analogues. <i>J. Clin. Invest.</i> 101, 819-826	<input type="checkbox"/>	<input type="checkbox"/>
				Billah, M. M., Eckel, S., Mullmann, T. J., Egan, R. W., and Siegel, M. I. (1989) Phosphatidylcholine hydrolysis by phospholipase D determines phosphatidate and diglyceride levels in chemotactic peptide-stimulated human neutrophils. Involvement of phosphatidate phosphohydrolase in signal transduction. <i>J. Biol. Chem.</i> 264, 17069-17077	<input type="checkbox"/>	<input type="checkbox"/>
Z.F.				Wakelam, M. J. O., Martin, A., Hodgkin, M. N., Brown, F., Pettit, T. R., Cross, M. J., De Takats, P. G., and Reynolds, J. L. (1997) Role and regulation of phospholipase D activity in normal and cancer cells. <i>Advances in Enzyme Regulation</i> 37, 29-34	<input type="checkbox"/>	<input type="checkbox"/>

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OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS						
2c				Olson, S. C., and Lambeth, J. D. (1996) Biochemistry and cell biology of phospholipase D in human neutrophils. <i>Chem. Phys. Lipids</i> 80, 3-19	<input type="checkbox"/>	<input type="checkbox"/>
				Steed, P. M., Clark, K. L., Boyar, W. C., and Lasala, D. J. (1998) Characterization of human PLD2 and the analysis of PLD isoform splice variants. <i>FASEB J.</i> 12, 1309-1317	<input type="checkbox"/>	<input type="checkbox"/>
				Martin, A., Saqib, K. M., Hodgkin, M. N., Brown, F. D., Pettit, T. R., Armstrong, S., and Wakeiam, M. J. O. (1997) Role and regulation of phospholipase D signalling. <i>Biochem. Soc. Trans.</i> 25, 1157-1160	<input type="checkbox"/>	<input type="checkbox"/>
				Levy, B. D., Petasis, N. A., and Serhan, C. N. (1997) Polyisoprenyl phosphates in intracellular signalling. <i>Nature</i> 389, 985-989	<input type="checkbox"/>	<input type="checkbox"/>
				Agwu, D. E., McPhail, L. C., Sozzani, S., Bass, D. A., and McCall, C. E. (1991) Phosphatidic acid as a second messenger in human polymorphonuclear leukocytes. Effects on activation of NADPH oxidase. <i>J. Clin. Invest.</i> 88, 531-539	<input type="checkbox"/>	<input type="checkbox"/>
				Pettit, T. R., Martin, A., Horton, T., Liossis, C., Lord, J. M., and Wakelam, M. J. O. (1997) Diacylglycerol and phosphatidate generated by phospholipases C and D, respectively, have distinct fatty acid compositions and functions. <i>J. Biol. Chem.</i> 272, 17354-17359	<input type="checkbox"/>	<input type="checkbox"/>
				Gomez-Cambronero, J. (1995) Immunoprecipitation of a phospholipase D activity with antiphosphotyrosine antibodies. <i>J. Interferon Cytokine Res.</i> 15, 877-885	<input type="checkbox"/>	<input type="checkbox"/>
				Abousalham, A., Riviere, M., Teissere, M., and Verger, R. (1993) Improved purification and biochemical characterization of phospholipase D from cabbage. <i>Biochim. Biophys. Acta</i> 1158, 1-7	<input type="checkbox"/>	<input type="checkbox"/>
				Zhou, H.-L., Chabot-Fletcher, M., Foley, J. J., Sarau, H. M., Tzimas, M. N., Winkler, J. D., and Torphy, T. J. (1993) Association between leukotriene B <sub>4</sub> -induced phospholipase D activation and degranulation of human neutrophils. <i>Biochem. Pharmacol.</i> 46, 139-148	<input type="checkbox"/>	<input type="checkbox"/>
				Shechter, I., Fogelman, A. M., and Popjak, G. (1980) A deficiency of mixed function oxidase activities in the cholesterol biosynthetic pathway of human granulocytes. <i>J. Lipid Res.</i> 21, 277-283	<input type="checkbox"/>	<input type="checkbox"/>
				Rabinowitz, J. L., Baker, D. G., Villanueva, T. G., Asanza, A. P., and Capuzzi, D. M. (1992) Liver lipid profiles of adults taking therapeutic doses of aspirin. <i>Lipids</i> 27, 311-314	<input type="checkbox"/>	<input type="checkbox"/>
				Claria, J., and Serhan, C. N. (1995) Aspirin triggers previously undescribed bioactive eicosanoids by human endothelial cell-leukocyte interactions. <i>Proc. Natl. Acad. Sci.</i> 92, 9475-9479	<input type="checkbox"/>	<input type="checkbox"/>
				Serhan, C. N. (1997) Lipoxins and Novel Aspirin-Triggered 15-epi-Lipoxins: A Jungle of Cell-Cell Interactions or a Therapeutic Opportunity? <i>Prostaglandins</i> 53, 107-137	<input type="checkbox"/>	<input type="checkbox"/>
				Exton, J. H. (1997) New developments in phospholipase D. <i>J. Biol. Chem.</i> 272, 15579-15582	<input type="checkbox"/>	<input type="checkbox"/>
2c				Fensome, A., Whatmore, J., Morgan, C., Jones, D., and Cockcroft, S. (1998) ADP-ribosylation factor and Rho proteins mediate fMLP-dependent activation of phospholipase D in human neutrophils. <i>J. Biol. Chem.</i> 273, 13157-13164	<input type="checkbox"/>	<input type="checkbox"/>

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<b>OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS</b>						
Zcf				Jarstfer, M. B., Blagg, B. S. J., Rogers, D. H., and Poulter, C. D. (1996) Biosynthesis of squalene. Evidence for a tertiary cyclopropylcarbinyl cationic intermediate in the rearrangement of presqualene diphosphate to squalene. <i>J. Amer. Chem. Soc.</i> 118, 13089-13090	<input type="checkbox"/>	<input type="checkbox"/>
				Bach, T. J. (1995) Some new aspects of isoprenoid biosynthesis in plants --a review. <i>Lipids</i> 30, 191-202	<input type="checkbox"/>	<input type="checkbox"/>
				Serhan et al., "Aspirin-Triggered 15-EPI-Lipoxin A <sub>4</sub> and Novel Lipoxin B <sub>4</sub> Stable Analogs Inhibit Neutrophil-Mediated Changes in Vascular Permeability," <i>Advances in Experimental Medicine and Biology</i> , Vol. 469, 1999, pgs. 287-293	<input type="checkbox"/>	<input type="checkbox"/>
				Gewirtz et al., "Pathogen-Induced Chemokine Secretion from Model Intestinal Epithelium is Inhibited by Lipoxin A <sub>4</sub> Analogs", <i>Journal of Clinical Investigation</i> , Vol. 101, No. 9, May 1998, pgs. 1860-1869	<input type="checkbox"/>	<input type="checkbox"/>
				Hansson et al., "Activation of Protein Kinase C By Lipoxin A and Other Eicosanoids. Intracellular Action of Oxygenation Products of Arachidonic Acid", <i>Biochemical and Biophysical Research Communications</i> , Vol. 134, No. 3, 1986, pgs. 1215-1222	<input type="checkbox"/>	<input type="checkbox"/>
				Olson et al., "Biochemistry and cell biology of phospholipase D in human neutrophils", <i>Chemistry and Physics of Lipids</i> , 80, pp. 3-19, 1996	<input type="checkbox"/>	<input type="checkbox"/>
Zcf				Takano et al., "Neutrophil-mediated Changes in Vascular Permeability Are Inhibited by Topical Application of Aspirin-triggered 15-epi-lipoxin A <sub>4</sub> and Novel Lipoxin B <sub>4</sub> Stable Analogues", <i>J. Clin. Invest.</i> Volume 101, Number 4, February 1998, pp. 819-826	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>
EXAMINER SIGNATURE <i>Zahra Faj</i>				DATE CONSIDERED 2/1/06		
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